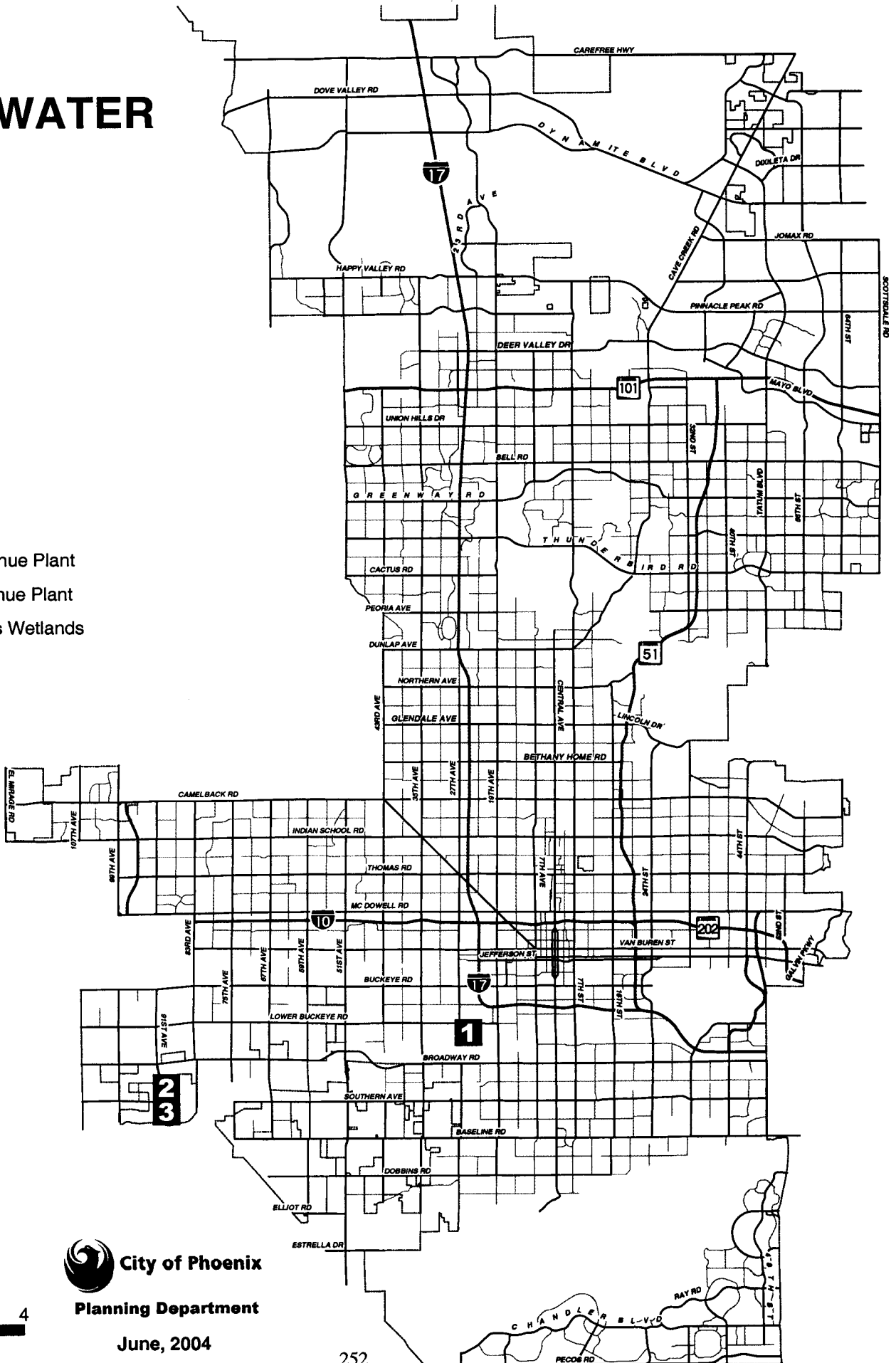


# WASTEWATER

- 1** 23rd Avenue Plant
- 2** 91st Avenue Plant
- 3** Tres Rios Wetlands



### **Wastewater**

The Wastewater program totals \$527.4 million and is funded with wastewater operating revenue, wastewater nonprofit corporation bonds, federal aid and other cities' participation in the 91st Avenue Wastewater Treatment Plant joint venture.

Major projects programmed at the 91<sup>st</sup> Avenue Wastewater Treatment Plant include support system upgrades, odor control facilities, multi-phase sludge digestion, instrumentation and control improvements, chlorine piping replacement, metering improvements, security improvements, and unified plant expansion.

Rehabilitation of critical sections of the Salt River Outfall interceptor sewer owned by SROG cities.

Other major Wastewater projects include the following:

- Construction of a reuse/river restoration project at Tres Rios, including 100-year flood
- Construction of replacement sewers influent to 23rd Avenue Wastewater Treatment Plant to increase cleansing velocities and capacity
- Repair and replacement of equipment at the 23rd Avenue Wastewater Treatment Plant
- Security improvements at the 23<sup>rd</sup> Avenue Wastewater Treatment Plant
- Construction of parallel sections of the Broadway Sewer from 32nd Street to 51st Avenue to provide needed additional capacity
- Rehabilitation of selected sewers of various sizes and materials located throughout the city
- Sewer relocations for Light Rail

**2004-2009 CAPITAL IMPROVEMENT PROGRAM**

**Wastewater  
Capital Improvement Program Summary**

<b>Project Summary</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
23rd Avenue Treatment Plant	\$ 10,520,000	\$ 7,980,000	\$ 10,470,000	\$ 8,300,000	\$ 8,300,000	\$ 45,570,000
91st Avenue Treatment Plant	14,190,000	13,925,000	24,150,000	13,750,000	35,850,000	101,865,000
Buildings	600,000	-	-	-	-	600,000
Lift Stations	1,200,000	1,555,000	1,435,000	1,635,000	1,935,000	7,760,000
Multi-City Sewer Lines	40,505,000	6,650,000	10,240,000	30,100,000	14,713,000	102,208,000
Phoenix Sewers	39,398,320	36,727,872	54,568,539	45,901,674	20,397,409	196,993,814
Tres Rios	8,465,000	2,155,000	7,400,000	12,100,000	11,100,000	41,220,000
Wastewater System Studies	2,594,000	8,395,000	6,305,000	6,265,000	5,765,000	29,324,000
Percent for Art	535,000	324,000	324,000	324,000	324,000	1,831,000
<b>Total</b>	<b>\$ 118,007,320</b>	<b>\$ 77,711,872</b>	<b>\$ 114,892,539</b>	<b>\$ 118,375,674</b>	<b>\$ 98,384,409</b>	<b>\$ 527,371,814</b>
<b>Source of Funds</b>						
<b>Operating Funds</b>						
Wastewater Revenues	\$ 19,280,114	\$ 22,704,500	\$ 22,286,209	\$ 23,038,500	\$ 22,530,640	\$ 109,839,963
<b>Bond Funds</b>						
Non-profit Wastewater Bonds	\$ 56,231,051	\$ 40,446,000	\$ 69,441,000	\$ 65,338,000	\$ 42,231,385	\$ 273,687,436
<b>Other Financing</b>						
Development Impact Fees	\$ 350,000	\$ 260,000	\$ 260,000	\$ 260,000	\$ 169,915	\$ 1,299,915
Other Cities' Share in Joint Ventures	42,146,155	14,301,372	22,905,330	29,739,174	33,452,469	142,544,500
<b>Total Other Financing</b>	<b>\$ 42,496,155</b>	<b>\$ 14,561,372</b>	<b>\$ 23,165,330</b>	<b>\$ 29,999,174</b>	<b>\$ 33,622,384</b>	<b>\$ 143,844,415</b>
<b>Total Sources of Funds</b>	<b>\$ 118,007,320</b>	<b>\$ 77,711,872</b>	<b>\$ 114,892,539</b>	<b>\$ 118,375,674</b>	<b>\$ 98,384,409</b>	<b>\$ 527,371,814</b>

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

<b>Project No.</b>	<b>Project Title</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
<b>AR84900002</b>	<b>WASTEWATER PERCENT FOR ART</b>						
	Acquire artwork for Wastewater Facilities.						
	Construction	300,000	-	-	-	-	300,000
	<b>Project Total</b>	<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>
	2004 CIC Wastewater Bonds	300,000	-	-	-	-	300,000
	<b>Funding Total</b>	<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>
<b>AR84900003</b>	<b>TRES RIOS GARDENS</b>						
	Develop artwork at the Tres Rios project site new gardens.						
	Construction	80,000	-	-	-	-	80,000
	<b>Project Total</b>	<b>\$80,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$80,000</b>
	2004 CIC Wastewater Bonds	80,000	-	-	-	-	80,000
	<b>Funding Total</b>	<b>\$80,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$80,000</b>
<b>WS90100001</b>	<b>91ST AVE REPLACEMENT FUND</b>						
	Funds for repair and replacement of 91st Avenue Wastewater Treatment Plant equipment.						
	Equipment or Other	4,000,000	3,000,000	3,000,000	3,000,000	3,000,000	16,000,000
	<b>Project Total</b>	<b>\$4,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$16,000,000</b>
	SROG Replacement Fund	2,186,000	1,639,500	1,639,500	1,639,500	1,639,500	8,744,000
	SROG - Other Cities Participation	1,814,000	1,360,500	1,360,500	1,360,500	1,360,500	7,256,000
	<b>Funding Total</b>	<b>\$4,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$16,000,000</b>
<b>WS90100007</b>	<b>91ST AVE AUTOMATION PLAN</b>						
	Electronic Data Management System implementation.						
	Equipment or Other	25,000	-	-	-	-	25,000
	<b>Project Total</b>	<b>\$25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$25,000</b>
	Wastewater Revenues	13,550	-	-	-	-	13,550
	SROG - Other Cities Participation	11,450	-	-	-	-	11,450
	<b>Funding Total</b>	<b>\$25,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$25,000</b>
<b>WS90100008</b>	<b>91ST AVE WWTP - SUPPORT SYSTEM UPGRADES</b>						
	Construction of plant upgrades for building, fire and safety code compliance.						
	Design	-	500,000	4,500,000	-	-	5,000,000
	<b>Project Total</b>	<b>-</b>	<b>\$500,000</b>	<b>\$4,500,000</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>
	Wastewater CIC Non-profit Corp Bonds	-	271,000	2,439,000	-	-	2,710,000
	SROG - Other Cities Participation	-	229,000	2,061,000	-	-	2,290,000
	<b>Funding Total</b>	<b>-</b>	<b>\$500,000</b>	<b>\$4,500,000</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>
<b>WS90100038</b>	<b>91ST AVE-ODOR FACILITIES PHASE II</b>						
	Installation of scrubbers & primary basin covers for Plants 1,2, & 3.						
	Estimated full-year ongoing operating costs: \$120,000						
	Design	-	-	-	5,000,000	-	5,000,000
	Construction	-	-	-	-	30,000,000	30,000,000
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>	<b>\$30,000,000</b>	<b>\$35,000,000</b>
	Wastewater CIC Non-profit Corp Bonds	-	-	-	2,710,000	16,260,000	18,970,000
	SROG - Other Cities Participation	-	-	-	2,290,000	13,740,000	16,030,000
	<b>Funding Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,000,000</b>	<b>\$30,000,000</b>	<b>\$35,000,000</b>

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90100039	91ST AVE- ELECTRICAL POWER RELIABILITY	Function: 91st Avenue WWTP				District: Citywide	
Upgrade electrical distribution facilities and install diesel generators for power reliability.							
Construction		300,000	-	-	-	-	300,000
Project Total		\$300,000	-	-	-	-	\$300,000
Wastewater Revenues		162,600	-	-	-	-	162,600
SROG - Other Cities Participation		137,400	-	-	-	-	137,400
Funding Total		\$300,000	-	-	-	-	\$300,000
WS90100048	MASTER AS-BUILT DEVELOPMENT	Function: 91st Avenue WWTP				District: Citywide	
Develop an information access system for plant as-built drawings.							
Design		500,000	500,000	-	-	-	1,000,000
Construction		30,000	50,000	-	-	-	80,000
Project Total		\$530,000	\$550,000	-	-	-	\$1,080,000
Wastewater CIC Non-profit Corp Bonds		-	298,100	-	-	-	298,100
SROG - Other Cities Participation		242,740	251,900	-	-	-	494,640
2004 CIC Wastewater Bonds		287,260	-	-	-	-	287,260
Funding Total		\$530,000	\$550,000	-	-	-	\$1,080,000
WS90100050	REPLACE EXPOSED CHLORINE PIPING	Function: 91st Avenue WWTP				District: Citywide	
Replace chlorine piping system at the plant.							
Estimated full-year ongoing operating costs: \$185,000							
Construction		135,000	-	-	-	-	135,000
Project Total		\$135,000	-	-	-	-	\$135,000
Wastewater Revenues		73,170	-	-	-	-	73,170
SROG - Other Cities Participation		61,830	-	-	-	-	61,830
Funding Total		\$135,000	-	-	-	-	\$135,000
WS90100051	INSTRUMENTATION & CONTROLS INSPECTION	Function: 91st Avenue WWTP				District: Citywide	
Inspection, replacment & upgrade process control computers.							
Construction		30,000	-	2,000,000	-	2,000,000	4,030,000
Project Total		\$30,000	-	\$2,000,000	-	\$2,000,000	\$4,030,000
Wastewater Revenues		-	-	-	-	1,100,000	1,100,000
Wastewater CIC Non-profit Corp Bonds		-	-	1,100,000	-	-	1,100,000
SROG - Other Cities Participation		13,500	-	900,000	-	900,000	1,813,500
2004 CIC Wastewater Bonds		16,500	-	-	-	-	16,500
Funding Total		\$30,000	-	\$2,000,000	-	\$2,000,000	\$4,030,000
WS90100052	MULTI-PHASE DIGESTION	Function: 91st Avenue WWTP				District: Citywide	
Conversion of the plant to two phase digestion.							
Estimated full-year ongoing operating costs: \$180,000							
Construction		160,000	-	-	-	-	160,000
Project Total		\$160,000	-	-	-	-	\$160,000
Wastewater Revenues		86,720	-	-	-	-	86,720
SROG - Other Cities Participation		73,280	-	-	-	-	73,280
Funding Total		\$160,000	-	-	-	-	\$160,000

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90100056	UNIFIED PLANT (UP) 01 CONSTRUCTION	Function: 91st Avenue WWTP				District: Citywide	
Unified Plant 01 Construction.							
Estimated full-year ongoing operating costs: \$950,000							
Construction		1,320,000	-	-	-	-	1,320,000
Project Total		\$1,320,000	-	-	-	-	\$1,320,000
SROG - Other Cities Participation		752,532	-	-	-	-	752,532
2004 CIC Wastewater Bonds		567,468	-	-	-	-	567,468
Funding Total		\$1,320,000	-	-	-	-	\$1,320,000
WS90100057	91ST AVE WWTP - UP05 EXPANSION	Function: 91st Avenue WWTP				District: Citywide	
91st Ave WWTP - Unified Plant 05 Expansion.							
Design		-	6,000,000	8,500,000	-	-	14,500,000
Construction		-	125,000	1,000,000	-	-	1,125,000
Project Total		-	\$6,125,000	\$9,500,000	-	-	\$15,625,000
Wastewater CIC Non-profit Corp Bonds		-	3,246,250	5,035,000	-	-	8,281,250
SROG - Other Cities Participation		-	2,878,750	4,465,000	-	-	7,343,750
Funding Total		-	\$6,125,000	\$9,500,000	-	-	\$15,625,000
WS90100058	SECURITY IMPROVEMENTS - 91ST AVE WWTP	Function: 91st Avenue WWTP				District: Citywide	
Security related projects at 91st Ave WWTP.							
Design		4,400,000	-	-	-	-	4,400,000
Construction		45,000	-	-	-	-	45,000
Project Total		\$4,445,000	-	-	-	-	\$4,445,000
SROG - Other Cities Participation		3,556,000	-	-	-	-	3,556,000
2004 CIC Wastewater Bonds		889,000	-	-	-	-	889,000
Funding Total		\$4,445,000	-	-	-	-	\$4,445,000
WS90100059	POWER LINE RELOCATION	Function: 91st Avenue WWTP				District: Citywide	
Power line relocations.							
Design		-	-	300,000	-	-	300,000
Construction		-	-	1,500,000	2,800,000	-	4,300,000
Project Total		-	-	\$1,800,000	\$2,800,000	-	\$4,600,000
Wastewater CIC Non-profit Corp Bonds		-	-	975,600	1,517,600	-	2,493,200
SROG - Other Cities Participation		-	-	824,400	1,282,400	-	2,106,800
Funding Total		-	-	\$1,800,000	\$2,800,000	-	\$4,600,000
WS90100060	91ST AVE - ULTRA-VIOLET DISINFECTION	Function: 91st Avenue WWTP				District: Citywide	
Ultra-Violet disinfection at 91st Ave WWTP.							
Staff Time		10,000	-	-	-	-	10,000
Design		50,600	500,000	1,300,000	-	-	1,850,600
Construction		49,400	50,000	-	-	-	99,400
Project Total		\$110,000	\$550,000	\$1,300,000	-	-	\$1,960,000
Wastewater CIC Non-profit Corp Bonds		-	297,000	702,000	-	-	999,000
SROG - Other Cities Participation		50,600	253,000	598,000	-	-	901,600
2004 CIC Wastewater Bonds		59,400	-	-	-	-	59,400
Funding Total		\$110,000	\$550,000	\$1,300,000	-	-	\$1,960,000

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90100061	PROCESS CONTROL OPTIMIZATION	Function: 91st Avenue WWTP				District: Citywide	
System intergrator (consultant) to conduct interviews with staff to increase instrumentation and modernize existing systems.							
Study		500,000	500,000	465,000	465,000	465,000	2,395,000
Construction		5,000	15,000	-	-	-	20,000
Project Total		\$505,000	\$515,000	\$465,000	\$465,000	\$465,000	\$2,415,000
Wastewater Revenues		285,022	-	-	-	262,446	547,468
Wastewater CIC Non-profit Corp Bonds		-	290,666	262,446	262,446	-	815,558
SROG - Other Cities Participation		219,978	224,334	202,554	202,554	202,554	1,051,974
Funding Total		\$505,000	\$515,000	\$465,000	\$465,000	\$465,000	\$2,415,000
WS90100062	SROG JEPA REPORTING	Function: 91st Avenue WWTP				District: Citywide	
Costs associated with the SROG - Joint Executive Power Agreement (JEPA) Reporting.							
Design		400,000	385,000	385,000	385,000	385,000	1,940,000
Project Total		\$400,000	\$385,000	\$385,000	\$385,000	\$385,000	\$1,940,000
Wastewater CIC Non-profit Corp Bonds		-	77,000	77,000	77,000	77,000	308,000
SROG - Other Cities Participation		320,000	308,000	308,000	308,000	308,000	1,552,000
2004 CIC Wastewater Bonds		80,000	-	-	-	-	80,000
Funding Total		\$400,000	\$385,000	\$385,000	\$385,000	\$385,000	\$1,940,000
WS90100063	INSTRUMENTATION & CONTROL INSTALLATION	Function: 91st Avenue WWTP				District: Citywide	
Inspection and testing of instumentation and control facilities for Unified Plant 05 construction.							
Design		-	700,000	-	1,200,000	-	1,900,000
Project Total		-	\$700,000	-	\$1,200,000	-	\$1,900,000
Wastewater CIC Non-profit Corp Bonds		-	378,000	-	648,000	-	1,026,000
SROG - Other Cities Participation		-	322,000	-	552,000	-	874,000
Funding Total		-	\$700,000	-	\$1,200,000	-	\$1,900,000
WS90100064	91ST AVE WWTP - GAS UTILIZATION	Function: 91st Avenue WWTP				District: Citywide	
Plan review costs for the Gas Utilization facility to be constructed by the City of Mesa at the 91st Avenue WWTP.							
Staff Time		30,000	-	-	-	-	30,000
Project Total		\$30,000	-	-	-	-	\$30,000
SROG - Other Cities Participation		30,000	-	-	-	-	30,000
Funding Total		\$30,000	-	-	-	-	\$30,000
WS90120004	SPECIAL COMMITTEE STUDY	Function: 91st Avenue WWTP Studies				District: Citywide	
Special committee study for the neighborhood south of the 91st Ave Wastewater Treatment Plant.							
Design		200,000	200,000	200,000	-	-	600,000
Project Total		\$200,000	\$200,000	\$200,000	-	-	\$600,000
SROG - Brogdon Settlement		200,000	200,000	200,000	-	-	600,000
Funding Total		\$200,000	\$200,000	\$200,000	-	-	\$600,000

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
<b>WS90120014</b>	<b>91ST AVE METERING PILOT</b>	<b>Function: 91st Avenue WWTP Studies</b>				<b>District: Citywide</b>	
Metering pilot and master plan study for future expansions.							
Design		1,800,000	-	-	-	-	1,800,000
Construction		-	-	-	900,000	-	900,000
<b>Project Total</b>		<b>\$1,800,000</b>	<b>-</b>	<b>-</b>	<b>\$900,000</b>	<b>-</b>	<b>\$2,700,000</b>
Wastewater Revenues		360,000	-	-	-	-	360,000
Wastewater Development Occupational Fee		-	-	-	180,000	-	180,000
SROG - Other Cities Participation		1,440,000	-	-	720,000	-	2,160,000
<b>Funding Total</b>		<b>\$1,800,000</b>	<b>-</b>	<b>-</b>	<b>\$900,000</b>	<b>-</b>	<b>\$2,700,000</b>
<b>WS90120015</b>	<b>91ST AVE LOCAL LIMITS STUDY</b>	<b>Function: 91st Avenue WWTP Studies</b>				<b>District: Citywide</b>	
Local Limits Study for SROG.							
Construction		-	650,000	-	-	-	650,000
<b>Project Total</b>		<b>-</b>	<b>\$650,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$650,000</b>
Wastewater Revenues		-	352,300	-	-	-	352,300
SROG - Other Cities Participation		-	297,700	-	-	-	297,700
<b>Funding Total</b>		<b>-</b>	<b>\$650,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$650,000</b>
<b>WS90120017</b>	<b>CENTRAL ARIZONA SALINITY STUDY</b>	<b>Function: 91st Avenue WWTP Studies</b>				<b>District: Citywide</b>	
Central Arizona Salinity Study.							
Design		200,000	-	-	-	-	200,000
<b>Project Total</b>		<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$200,000</b>
Wastewater Revenues		108,400	-	-	-	-	108,400
SROG - Other Cities Participation		91,600	-	-	-	-	91,600
<b>Funding Total</b>		<b>\$200,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$200,000</b>
<b>WS90120027</b>	<b>SALINITY RESEARCH &amp; IMPROVEMENTS/PILOT</b>	<b>Function: 91st Avenue WWTP Studies</b>				<b>District: Citywide</b>	
Salinity pilot study and improvements.							
Design		-	750,000	1,000,000	-	-	1,750,000
<b>Project Total</b>		<b>-</b>	<b>\$750,000</b>	<b>\$1,000,000</b>	<b>-</b>	<b>-</b>	<b>\$1,750,000</b>
Wastewater CIC Non-profit Corp Bonds		-	525,000	700,000	-	-	1,225,000
SROG - Other Cities Participation		-	225,000	300,000	-	-	525,000
<b>Funding Total</b>		<b>-</b>	<b>\$750,000</b>	<b>\$1,000,000</b>	<b>-</b>	<b>-</b>	<b>\$1,750,000</b>
<b>WS90140001</b>	<b>TRES RIOS DEMONSTRATION PROJECT</b>	<b>Function: Tres Rios</b>				<b>District: Citywide</b>	
Operating Costs for the Tres Rios Wetlands Demonstration Project.							
Design		325,000	325,000	300,000	-	-	950,000
<b>Project Total</b>		<b>\$325,000</b>	<b>\$325,000</b>	<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>\$950,000</b>
Wastewater Revenues		268,312	268,312	254,650	-	-	791,274
SROG - Other Cities Participation		56,688	56,688	45,350	-	-	158,726
<b>Funding Total</b>		<b>\$325,000</b>	<b>\$325,000</b>	<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>\$950,000</b>



**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90140003	TRES RIOS LOBBYING	Function: Tres Rios				District: Citywide	
Lobbying representation for Tres Rios projects.							
Study		100,000	100,000	100,000	-	-	300,000
Design		-	-	-	100,000	100,000	200,000
Project Total		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Wastewater CIC Non-profit Corp Bonds		-	56,440	56,440	56,440	56,440	225,760
SROG - Other Cities Participation		43,560	43,560	43,560	43,560	43,560	217,800
2004 CIC Wastewater Bonds		56,440	-	-	-	-	56,440
Funding Total		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
WS90140006	TRES RIOS-FULL SCALE	Function: Tres Rios				District: Citywide	
Acquire land and construct the full-scale Tres Rios/Recharge/Reuse Project.							
Estimated full-year ongoing operating costs: \$110,000							
Land Acquisition		15,400,000	3,200,000	14,000,000	-	-	32,600,000
Construction		-	260,000	-	24,000,000	10,000,000	34,260,000
Project Total		\$15,400,000	\$3,460,000	\$14,000,000	\$24,000,000	\$10,000,000	\$66,860,000
Wastewater CIC Non-profit Corp Bonds		-	1,889,160	7,588,000	13,008,000	5,420,000	27,905,160
SROG - Other Cities Participation		7,053,200	1,570,840	6,412,000	10,992,000	4,580,000	30,608,040
2004 CIC Wastewater Bonds		8,346,800	-	-	-	-	8,346,800
Funding Total		\$15,400,000	\$3,460,000	\$14,000,000	\$24,000,000	\$10,000,000	\$66,860,000
WS90140010	AGUA FRIA RECHARGE STUDY	Function: Tres Rios				District: Citywide	
Recharge study for Agua Fria river with the Bureau of Reclamation.							
Design		300,000	-	-	-	6,000,000	6,300,000
Construction		40,000	-	-	-	-	40,000
Project Total		\$340,000	-	-	-	\$6,000,000	\$6,340,000
Wastewater Revenues		298,780	-	-	-	-	298,780
Wastewater CIC Non-profit Corp Bonds		-	-	-	-	3,252,000	3,252,000
SROG - Other Cities Participation		41,220	-	-	-	2,748,000	2,789,220
Funding Total		\$340,000	-	-	-	\$6,000,000	\$6,340,000
WS90160011	SRO SEWER ODOR STUDY	Function: Multi-City Sewer Lines				District: 7 & 8	
Salt River Outfall (SRO) sewer odor study from Scottsdale Road to 91st Avenue.							
Land Acquisition		100,000	600,000	-	-	-	700,000
Design		-	-	1,430,000	-	713,000	2,143,000
Construction		-	50,000	-	11,500,000	-	11,550,000
Project Total		\$100,000	\$650,000	\$1,430,000	\$11,500,000	\$713,000	\$14,393,000
Wastewater CIC Non-profit Corp Bonds		-	545,870	1,200,914	9,657,700	598,780	12,003,264
SROG - Other Cities Participation		16,020	104,130	229,086	1,842,300	114,220	2,305,756
2004 CIC Wastewater Bonds		83,980	-	-	-	-	83,980
Funding Total		\$100,000	\$650,000	\$1,430,000	\$11,500,000	\$713,000	\$14,393,000

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<b>Project No.</b>	<b>Project Title</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
<b>WS90160012</b>	<b>SOUTHERN AVE INTERCEPTOR (SAI) ODOR STUDY FACILITIES</b>						
	Function: Multi-City Sewer Lines						
	District: 7 & 8						
	Odor study for the Southern Interceptor Sewer.						
Land Acquisition		100,000	1,100,000	-	-	-	1,200,000
Design		-	-	1,150,000	-	750,000	1,900,000
Construction		-	50,000	-	8,500,000	-	8,550,000
<b>Project Total</b>		<b>\$100,000</b>	<b>\$1,150,000</b>	<b>\$1,150,000</b>	<b>\$8,500,000</b>	<b>\$750,000</b>	<b>\$11,650,000</b>
Wastewater Revenues		-	209,875	-	-	-	209,875
Wastewater CIC Non-profit Corp Bonds		-	-	209,875	1,551,250	136,875	1,898,000
SROG - Other Cities Participation		81,750	940,125	940,125	6,948,750	613,125	9,523,875
2004 CIC Wastewater Bonds		18,250	-	-	-	-	18,250
<b>Funding Total</b>		<b>\$100,000</b>	<b>\$1,150,000</b>	<b>\$1,150,000</b>	<b>\$8,500,000</b>	<b>\$750,000</b>	<b>\$11,650,000</b>
<b>WS90160016</b>	<b>SRO 18"-50" PARALLEL SEWER</b>						
	Function: Multi-City Sewer Lines						
	District: 7 & 8						
	Design and construct parallel sections of SRO from Hayden Road to 59th Avenue.						
Design		-	400,000	-	-	-	400,000
Construction		-	60,000	3,000,000	-	-	3,060,000
<b>Project Total</b>		<b>-</b>	<b>\$460,000</b>	<b>\$3,000,000</b>	<b>-</b>	<b>-</b>	<b>\$3,460,000</b>
Wastewater Development Occupational Fee		-	-	1,387,500	-	-	1,387,500
Wastewater CIC Non-profit Corp Bonds		-	212,750	-	-	-	212,750
SROG - Other Cities Participation		-	247,250	1,612,500	-	-	1,859,750
<b>Funding Total</b>		<b>-</b>	<b>\$460,000</b>	<b>\$3,000,000</b>	<b>-</b>	<b>-</b>	<b>\$3,460,000</b>
<b>WS90160017</b>	<b>SAI PARALLEL SEWERS</b>						
	Function: Multi-City Sewer Lines						
	District: 7 & 8						
	Construct parallel sections of Southern Avenue Interceptor from 56th Street to 59th Avenue.						
Construction		-	530,000	2,560,000	3,000,000	6,000,000	12,090,000
<b>Project Total</b>		<b>-</b>	<b>\$530,000</b>	<b>\$2,560,000</b>	<b>\$3,000,000</b>	<b>\$6,000,000</b>	<b>\$12,090,000</b>
Wastewater Development Occupational Fee		-	-	-	-	2,101,200	2,101,200
Wastewater CIC Non-profit Corp Bonds		-	185,606	896,512	1,050,600	-	2,132,718
SROG - Other Cities Participation		-	344,394	1,663,488	1,949,400	3,898,800	7,856,082
<b>Funding Total</b>		<b>-</b>	<b>\$530,000</b>	<b>\$2,560,000</b>	<b>\$3,000,000</b>	<b>\$6,000,000</b>	<b>\$12,090,000</b>
<b>WS90160039</b>	<b>LINED CONCRETE REHAB SAI/99TH AVENUE</b>						
	Function: Multi-City Sewer Lines						
	District: 5 & 7						
	Rehabilitate sewer main at the Southern Avenue Interceptor and 99th Avenue.						
Construction		2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
<b>Project Total</b>		<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$10,500,000</b>
Wastewater Revenues		556,290	556,290	556,290	-	-	1,668,870
Wastewater CIC Non-profit Corp Bonds		-	-	-	556,290	556,290	1,112,580
SROG - Other Cities Participation		1,543,710	1,543,710	1,543,710	1,543,710	1,543,710	7,718,550
<b>Funding Total</b>		<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$2,100,000</b>	<b>\$10,500,000</b>
<b>WS90160052</b>	<b>SROG SEWER REHAB - B1</b>						
	Function: Multi-City Sewer Lines						
	District: 7						
	Salt River Outfall Sanitary Sewer Rehabilitation for SROG Lower Buckeye 35th to 41st Avenue.						
Construction		7,035,000	-	-	-	-	7,035,000
<b>Project Total</b>		<b>\$7,035,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$7,035,000</b>
SROG - Other Cities Participation		4,355,368	-	-	-	-	4,355,368
2004 CIC Wastewater Bonds		2,679,632	-	-	-	-	2,679,632
<b>Funding Total</b>		<b>\$7,035,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$7,035,000</b>

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<b>Project No.</b>	<b>Project Title</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
<b>WS90160053</b>	<b>SROG SEWER REHAB - B2</b>						
	Function: Multi-City Sewer Lines						
	District: 7						
	Salt River Outfall Sanitary Sewer Rehabilitation for SROG Lower Buckeye Rd, 27th to 31st Avenue.						
Construction		4,980,000	-	-	-	-	4,980,000
<b>Project Total</b>		<b>\$4,980,000</b>	-	-	-	-	<b>\$4,980,000</b>
SROG - Other Cities Participation		3,151,344	-	-	-	-	3,151,344
2004 CIC Wastewater Bonds		1,828,656	-	-	-	-	1,828,656
<b>Funding Total</b>		<b>\$4,980,000</b>	-	-	-	-	<b>\$4,980,000</b>
<b>WS90160054</b>	<b>SROG SEWER REHAB - B3</b>						
	Function: Multi-City Sewer Lines						
	District: 7						
	Salt River Outfall Sewer Rehabilitation for SROG Lower Buckeye Rd, 31st Avenue to 35th Avenue.						
Construction		5,000,000	-	-	-	-	5,000,000
<b>Project Total</b>		<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
SROG - Other Cities Participation		3,164,000	-	-	-	-	3,164,000
2004 CIC Wastewater Bonds		1,836,000	-	-	-	-	1,836,000
<b>Funding Total</b>		<b>\$5,000,000</b>	-	-	-	-	<b>\$5,000,000</b>
<b>WS90160055</b>	<b>SRO REHABILITATION - "C" SEWERS</b>						
	Function: Multi-City Sewer Lines						
	District: 7 & 8						
	Rehabilitation of the Salt River Outfall "C" sewers according to the unlined concrete sewer assessment.						
Design		75,000	-	-	-	-	75,000
Construction		1,825,000	-	-	-	-	1,825,000
<b>Project Total</b>		<b>\$1,900,000</b>	-	-	-	-	<b>\$1,900,000</b>
SROG - Other Cities Participation		1,356,600	-	-	-	-	1,356,600
2004 CIC Wastewater Bonds		543,400	-	-	-	-	543,400
<b>Funding Total</b>		<b>\$1,900,000</b>	-	-	-	-	<b>\$1,900,000</b>
<b>WS90160056</b>	<b>SRO REHABILITATION - 48" PCCP/48TH STREET</b>						
	Function: Multi-City Sewer Lines						
	District: 8						
	Rehabilitation of the 48" Salt River Outfall precast concrete pipe (PCCP) sewer on the 48th Street at the Salt River.						
Construction		1,540,000	-	-	-	-	1,540,000
<b>Project Total</b>		<b>\$1,540,000</b>	-	-	-	-	<b>\$1,540,000</b>
SROG - Other Cities Participation		1,386,000	-	-	-	-	1,386,000
2004 CIC Wastewater Bonds		154,000	-	-	-	-	154,000
<b>Funding Total</b>		<b>\$1,540,000</b>	-	-	-	-	<b>\$1,540,000</b>
<b>WS90160057</b>	<b>SRO REHABILITATION - 54" PCCP</b>						
	Function: Multi-City Sewer Lines						
	District: 8						
	Rehabilitation of the 54" Salt River PCCP sewer north of the Salt River from Priest Drive to the lower Tempe Town Lake Dam.						
Construction		3,160,000	-	-	-	-	3,160,000
<b>Project Total</b>		<b>\$3,160,000</b>	-	-	-	-	<b>\$3,160,000</b>
SROG - Other Cities Participation		2,327,024	-	-	-	-	2,327,024
2004 CIC Wastewater Bonds		832,976	-	-	-	-	832,976
<b>Funding Total</b>		<b>\$3,160,000</b>	-	-	-	-	<b>\$3,160,000</b>
<b>WS90160058</b>	<b>SRO REHABILITATION - 72" PCCP</b>						
	Function: Multi-City Sewer Lines						
	District: 8						
	Rehabilitation of the 72" Salt River Outfall PCCP sewer north of the Salt River from HWY 153 to Priest Drive.						
Construction		10,070,000	-	-	-	-	10,070,000
<b>Project Total</b>		<b>\$10,070,000</b>	-	-	-	-	<b>\$10,070,000</b>
SROG - Other Cities Participation		8,028,811	-	-	-	-	8,028,811
2004 CIC Wastewater Bonds		2,041,189	-	-	-	-	2,041,189
<b>Funding Total</b>		<b>\$10,070,000</b>	-	-	-	-	<b>\$10,070,000</b>

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Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
<b>WS90160059</b>	<b>SRO REHABILITATION - 48" PCCP/PRIEST DRIVE</b>	<b>Function: Multi-City Sewer Lines</b>				<b>District: 8</b>	
Rehabilitation of the 48" Salt River Outfall PCCP sewer at Priest on the north side of the Salt River channel.							
Construction		305,000	-	-	-	-	305,000
<b>Project Total</b>		<b>\$305,000</b>	-	-	-	-	<b>\$305,000</b>
SROG - Other Cities Participation		305,000	-	-	-	-	305,000
<b>Funding Total</b>		<b>\$305,000</b>	-	-	-	-	<b>\$305,000</b>
<b>WS90160060</b>	<b>SROG CROWN SPRAY PROGRAM</b>	<b>Function: Multi-City Sewer Lines</b>				<b>District: 7 &amp; 8</b>	
SROG Crown Spray Program							
Design		75,000	-	-	-	-	75,000
Construction		665,000	760,000	-	-	-	1,425,000
<b>Project Total</b>		<b>\$740,000</b>	<b>\$760,000</b>	-	-	-	<b>\$1,500,000</b>
Wastewater Revenues		342,250	351,500	-	-	-	693,750
SROG - Other Cities Participation		397,750	408,500	-	-	-	806,250
<b>Funding Total</b>		<b>\$740,000</b>	<b>\$760,000</b>	-	-	-	<b>\$1,500,000</b>
<b>WS90160061</b>	<b>CMOM STUDY (SROG)</b>	<b>Function: Multi-City Sewer Lines</b>				<b>District: 7 &amp; 8</b>	
Capacity, management, operations and maintenance (CMOM) study to minimize sewer overflows for SROG sewers.							
Design		275,000	-	-	-	150,000	425,000
<b>Project Total</b>		<b>\$275,000</b>	-	-	-	<b>\$150,000</b>	<b>\$425,000</b>
Wastewater CIC Non-profit Corp Bonds		110,000	-	-	-	60,000	170,000
SROG - Other Cities Participation		165,000	-	-	-	90,000	255,000
<b>Funding Total</b>		<b>\$275,000</b>	-	-	-	<b>\$150,000</b>	<b>\$425,000</b>
<b>WS90160064</b>	<b>SROG SEWER METERING STATION UPGRADES</b>	<b>Function: Multi-City Sewer Lines</b>				<b>District: Citywide</b>	
Upgrade 10 SROG metering stations at various locations.							
Design		-	1,000,000	-	-	-	1,000,000
Construction		-	-	-	5,000,000	5,000,000	10,000,000
<b>Project Total</b>		-	<b>\$1,000,000</b>	-	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$11,000,000</b>
Wastewater CIC Non-profit Corp Bonds		-	200,000	-	1,000,000	1,000,000	2,200,000
SROG - Other Cities Participation		-	800,000	-	4,000,000	4,000,000	8,800,000
<b>Funding Total</b>		-	<b>\$1,000,000</b>	-	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$11,000,000</b>
<b>WS90160065</b>	<b>SRO REHABILITATION - C2 SEWER</b>	<b>Function: Multi-City Sewer Lines</b>				<b>District: Citywide</b>	
Rehabilitation of 1,500 feet of 54" sewer north of the 202 Freeway and east of Rural Road.							
Design		100,000	-	-	-	-	100,000
Construction		3,100,000	-	-	-	-	3,100,000
<b>Project Total</b>		<b>\$3,200,000</b>	-	-	-	-	<b>\$3,200,000</b>
SROG - Other Cities Participation		2,284,800	-	-	-	-	2,284,800
2004 CIC Wastewater Bonds		915,200	-	-	-	-	915,200
<b>Funding Total</b>		<b>\$3,200,000</b>	-	-	-	-	<b>\$3,200,000</b>
<b>WS90200001</b>	<b>23RD AVE WWTP REPLACEMENT FUND</b>	<b>Function: 23rd Avenue WWTP</b>				<b>District: Citywide</b>	
Reserve fund for the repair and replacement of 23rd Avenue Wastewater Treatment Plant Equipment.							
Equipment or Other		1,250,000	1,250,000	1,250,000	1,300,000	1,300,000	6,350,000
<b>Project Total</b>		<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$6,350,000</b>
Wastewater Replacement - 23rd Avenue WWTP		1,250,000	1,250,000	1,250,000	1,300,000	1,300,000	6,350,000
<b>Funding Total</b>		<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$6,350,000</b>

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Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90200024	23RD AVE LOCAL LIMITS STUDY	Function: 23rd Avenue WWTP				District: Citywide	
Local Limits Study.							
Design		-	600,000	-	-	-	600,000
Construction		-	10,000	-	-	-	10,000
Project Total		-	\$610,000	-	-	-	\$610,000
Wastewater Revenues		-	610,000	-	-	-	610,000
Funding Total		-	\$610,000	-	-	-	\$610,000
WS90200026	INFLUENT PIPING PHASE II	Function: 23rd Avenue WWTP				District: Citywide	
Design and construct sewers to increase capacity of plant influent piping.							
Design		2,000,000	-	-	-	-	2,000,000
Construction		20,000	6,120,000	7,000,000	5,000,000	-	18,140,000
Project Total		\$2,020,000	\$6,120,000	\$7,000,000	\$5,000,000	-	\$20,140,000
Wastewater Revenues		-	-	7,000,000	-	-	7,000,000
Wastewater Development Occupational Fee		-	-	-	5,000,000	-	5,000,000
Wastewater CIC Non-profit Corp Bonds		-	6,120,000	-	-	-	6,120,000
2004 CIC Wastewater Bonds		2,020,000	-	-	-	-	2,020,000
Funding Total		\$2,020,000	\$6,120,000	\$7,000,000	\$5,000,000	-	\$20,140,000
WS90200027	OPERABILITY PHASE II/SUPPORT SYSTEMS	Function: 23rd Avenue WWTP				District: Citywide	
Phase II of operational improvements to increase plant efficiency.							
Construction		-	-	200,000	2,000,000	-	2,200,000
Project Total		-	-	\$200,000	\$2,000,000	-	\$2,200,000
Wastewater Revenues		-	-	-	1,055,000	-	1,055,000
Wastewater CIC Non-profit Corp Bonds		-	-	200,000	945,000	-	1,145,000
Funding Total		-	-	\$200,000	\$2,000,000	-	\$2,200,000
WS90200030	MASTER AS-BUILT DRAWINGS	Function: 23rd Avenue WWTP				District: Citywide	
Develop an information access system for plant as-built drawings.							
Construction		450,000	-	-	-	-	450,000
Project Total		\$450,000	-	-	-	-	\$450,000
Wastewater Revenues		450,000	-	-	-	-	450,000
Funding Total		\$450,000	-	-	-	-	\$450,000
WS90200032	23RD AVE WWTP-DCS	Function: 23rd Avenue WWTP				District: Citywide	
Replace the Distributed Control System (DCS) at 23rd Avenue WWTP.							
Construction		410,000	-	-	-	-	410,000
Project Total		\$410,000	-	-	-	-	\$410,000
Wastewater Revenues		410,000	-	-	-	-	410,000
Funding Total		\$410,000	-	-	-	-	\$410,000
WS90200033	23RD AVE WWTP-3 PHASE DIGESTOR CONVERSION	Function: 23rd Avenue WWTP				District: Citywide	
23rd Avenue WWTP-3 Phase Digester Conversion.							
Construction		-	-	1,000,000	-	6,000,000	7,000,000
Project Total		-	-	\$1,000,000	-	\$6,000,000	\$7,000,000
Wastewater CIC Non-profit Corp Bonds		-	-	1,000,000	-	6,000,000	7,000,000
Funding Total		-	-	\$1,000,000	-	\$6,000,000	\$7,000,000

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Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
<b>WS90200034</b>	<b>SECURITY IMPROVEMENTS - 23RD AVE WWTP</b>	<b>Function: 23rd Avenue WWTP</b>				<b>District: Citywide</b>	
Security related projects at 23rd Ave WWTP.							
Estimated full-year ongoing operating costs: \$10,000							
Construction		5,340,000	-	-	-	-	5,340,000
<b>Project Total</b>		<b>\$5,340,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,340,000</b>
2004 CIC Wastewater Bonds		5,340,000	-	-	-	-	5,340,000
<b>Funding Total</b>		<b>\$5,340,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$5,340,000</b>
<b>WS90200037</b>	<b>INSTRUMENTATION, CONTROLS AND INSPECTIONS</b>	<b>Function: 23rd Avenue WWTP</b>				<b>District: Citywide</b>	
Instrumentation, controls and inspections at the 23rd Avenue WWTP.							
Equipment or Other		-	-	500,000	-	500,000	1,000,000
Construction		20,000	-	-	-	-	20,000
<b>Project Total</b>		<b>\$20,000</b>	<b>-</b>	<b>\$500,000</b>	<b>-</b>	<b>\$500,000</b>	<b>\$1,020,000</b>
Wastewater Revenues		20,000	-	500,000	-	500,000	1,020,000
<b>Funding Total</b>		<b>\$20,000</b>	<b>-</b>	<b>\$500,000</b>	<b>-</b>	<b>\$500,000</b>	<b>\$1,020,000</b>
<b>WS90200038</b>	<b>23RD AVE WWTP - PROCESS CONTROL OPTIMIZATION</b>	<b>Function: 23rd Avenue WWTP</b>				<b>District: Citywide</b>	
Process control optimization for the collection system.							
Construction		520,000	-	520,000	-	500,000	1,540,000
<b>Project Total</b>		<b>\$520,000</b>	<b>-</b>	<b>\$520,000</b>	<b>-</b>	<b>\$500,000</b>	<b>\$1,540,000</b>
Wastewater Revenues		-	-	520,000	-	500,000	1,020,000
2004 CIC Wastewater Bonds		520,000	-	-	-	-	520,000
<b>Funding Total</b>		<b>\$520,000</b>	<b>-</b>	<b>\$520,000</b>	<b>-</b>	<b>\$500,000</b>	<b>\$1,540,000</b>
<b>WS90200039</b>	<b>23RD AVE WWTP - TRAVINI CENTER MODIFICATIONS</b>	<b>Function: 23rd Avenue WWTP</b>				<b>District: Citywide</b>	
Conversion of the Travini Center café to a conference facility.							
Design		50,000	-	-	-	-	50,000
Construction		460,000	-	-	-	-	460,000
<b>Project Total</b>		<b>\$510,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$510,000</b>
Wastewater Revenues		510,000	-	-	-	-	510,000
<b>Funding Total</b>		<b>\$510,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$510,000</b>
<b>WS90400018</b>	<b>LIFT STATION/IMPROVEMENTS</b>	<b>Function: Lift Stations</b>				<b>District: 7</b>	
Lift Station/Improvements designated in the Master Plan - 3 Lift Stations in the Estrella growth area.							
Estimated full-year ongoing operating costs: \$18,000							
Construction		400,000	1,055,000	935,000	935,000	935,000	4,260,000
<b>Project Total</b>		<b>\$400,000</b>	<b>\$1,055,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$4,260,000</b>
Wastewater Development Occupational Fee		400,000	1,055,000	935,000	935,000	935,000	4,260,000
<b>Funding Total</b>		<b>\$400,000</b>	<b>\$1,055,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$935,000</b>	<b>\$4,260,000</b>
<b>WS90400019</b>	<b>LIFT STATION - 107TH AVE ROESER</b>	<b>Function: Lift Stations</b>				<b>District: 7</b>	
Purchase two acres of land at 107th Ave and Roeser Rd for a future lift station and an easement on Roeser Rd from 87th Ave to 107th Ave.							
Land Acquisition		300,000	-	-	-	-	300,000
<b>Project Total</b>		<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>
Wastewater Development Occupational Fee		300,000	-	-	-	-	300,000
<b>Funding Total</b>		<b>\$300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

<b>Project No.</b>	<b>Project Title</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
<b>WS90400021</b>	<b>LIFT STATION 45 REPAIRS</b>						
	Function: Lift Stations						
	District: 7						
	Repair of soil settlement damage at lift station located at 91st Avenue and Buckeye Road.						
Construction		100,000	-	-	-	-	100,000
<b>Project Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
Wastewater Revenues		100,000	-	-	-	-	100,000
<b>Funding Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
<b>WS90400022</b>	<b>LIFT STATION 51 STRUCTURAL REPAIRS</b>						
	Function: Lift Stations						
	District: 2						
	Facility has sustained structural damage due to settling. Repair of lift station at Union Hills/Tatum Boulevard.						
Design		90,000	-	-	-	-	90,000
Construction		10,000	-	-	-	-	10,000
<b>Project Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
Wastewater Revenues		100,000	-	-	-	-	100,000
<b>Funding Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
<b>WS90400023</b>	<b>LIFT STATION REPLACEMENT</b>						
	Function: Lift Stations						
	District: Citywide						
	Repair and replace sewer lift stations.						
Construction		300,000	500,000	500,000	700,000	1,000,000	3,000,000
<b>Project Total</b>		<b>\$300,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$700,000</b>	<b>\$1,000,000</b>	<b>\$3,000,000</b>
Wastewater Revenues		300,000	500,000	500,000	700,000	-	2,000,000
Wastewater CIC Non-profit Corp Bonds		-	-	-	-	1,000,000	1,000,000
<b>Funding Total</b>		<b>\$300,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$700,000</b>	<b>\$1,000,000</b>	<b>\$3,000,000</b>
<b>WS90450001</b>	<b>REMODEL &amp; RELOCATE</b>						
	Function: Buildings						
	District: 8						
	Relocate CRAO, Water Conservation, Budget and Fiscal and Construction Management from City Hall to a leased downtown location.						
Construction		600,000	-	-	-	-	600,000
<b>Project Total</b>		<b>\$600,000</b>	-	-	-	-	<b>\$600,000</b>
2004 CIC Wastewater Bonds		600,000	-	-	-	-	600,000
<b>Funding Total</b>		<b>\$600,000</b>	-	-	-	-	<b>\$600,000</b>
<b>WS90500007</b>	<b>SEWER OVERSIZING</b>						
	Function: Phoenix Sewers						
	District: 1 & 2						
	Participation with developers in construction of new sewer facilities.						
Construction		-	-	300,000	300,000	300,000	900,000
<b>Project Total</b>		-	-	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$900,000</b>
Wastewater Revenues		-	-	-	-	300,000	300,000
Wastewater CIC Non-profit Corp Bonds		-	-	300,000	300,000	-	600,000
<b>Funding Total</b>		-	-	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$900,000</b>
<b>WS90500012</b>	<b>SEWER MAIN REPLACEMENT</b>						
	Function: Phoenix Sewers						
	District: Citywide						
	Replacement of deteriorated sewer mains and manholes ahead of street paving projects.						
Construction		260,000	280,000	250,000	275,000	275,000	1,340,000
<b>Project Total</b>		<b>\$260,000</b>	<b>\$280,000</b>	<b>\$250,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,340,000</b>
Wastewater System Replacement - Lines		260,000	280,000	250,000	275,000	275,000	1,340,000
<b>Funding Total</b>		<b>\$260,000</b>	<b>\$280,000</b>	<b>\$250,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,340,000</b>

**City of Phoenix, Arizona**  
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**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90500013	SEWER SERVICE CONNECTIONS	Function: Phoenix Sewers				District: Citywide	
Installation of new sewer connections by City forces.							
Construction		270,000	270,000	270,000	270,000	270,000	1,350,000
Project Total		\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$1,350,000
Wastewater Revenues		-	270,000	-	270,000	270,000	810,000
Wastewater CIC Non-profit Corp Bonds		-	-	270,000	-	-	270,000
2004 CIC Wastewater Bonds		270,000	-	-	-	-	270,000
Funding Total		\$270,000	\$270,000	\$270,000	\$270,000	\$270,000	\$1,350,000
WS90500021	SEWERS AHEAD OF STREET IMPROVEMENTS	Function: Phoenix Sewers				District: Citywide	
Construction of sanitary sewers ahead of street construction.							
Construction		260,000	260,000	250,000	250,000	250,000	1,270,000
Project Total		\$260,000	\$260,000	\$250,000	\$250,000	\$250,000	\$1,270,000
Wastewater Revenues		260,000	260,000	-	-	-	520,000
Wastewater CIC Non-profit Corp Bonds		-	-	250,000	250,000	250,000	750,000
Funding Total		\$260,000	\$260,000	\$250,000	\$250,000	\$250,000	\$1,270,000
WS90500023	CONTINGENCIES	Function: Phoenix Sewers				District: Citywide	
Construction contingency.							
Construction		3,580,000	5,844,572	6,835,139	7,426,674	5,582,494	29,268,879
Project Total		\$3,580,000	\$5,844,572	\$6,835,139	\$7,426,674	\$5,582,494	\$29,268,879
Wastewater Revenues		280,000	1,186,723	1,188,269	419,000	2,482,494	5,556,486
Wastewater Development Occupational Fee		400,000	-	-	-	-	400,000
Wastewater CIC Non-profit Corp Bonds		-	2,180,438	3,244,813	5,807,674	1,500,000	12,732,925
SROG - Other Cities Participation		900,000	2,477,411	2,402,057	1,200,000	1,600,000	8,579,468
2004 CIC Wastewater Bonds		2,000,000	-	-	-	-	2,000,000
Funding Total		\$3,580,000	\$5,844,572	\$6,835,139	\$7,426,674	\$5,582,494	\$29,268,879
WS90500027	AUTOMATION PLAN NON-SROG	Function: Phoenix Sewers				District: Citywide	
Automation purchases for 23rd Avenue and Wastewater Collections.							
Equipment or Other		95,020	-	-	-	-	95,020
Project Total		\$95,020	-	-	-	-	\$95,020
Wastewater Revenues		95,020	-	-	-	-	95,020
Funding Total		\$95,020	-	-	-	-	\$95,020
WS90500062	CENTRAL PHOENIX SEWER IMPROVEMENTS	Function: Phoenix Sewers				District: 4, 5 & 6	
Construction of sewers for flow equalization to increase system capacity in central Phoenix.							
Construction		-	1,540,000	500,000	-	-	2,040,000
Project Total		-	\$1,540,000	\$500,000	-	-	\$2,040,000
Wastewater Development Occupational Fee		-	1,540,000	500,000	-	-	2,040,000
Funding Total		-	\$1,540,000	\$500,000	-	-	\$2,040,000



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Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90500084	CAVE CREEK ROAD/REACH 11 PARALLEL SEWERS	Function: Phoenix Sewers				District: 2	
Construction of parallel sections of sewer on Cave Creek Road and north of the CAP (Reach 11).							
Construction		-	2,120,000	6,500,000	6,500,000	-	15,120,000
Project Total		-	\$2,120,000	\$6,500,000	\$6,500,000	-	\$15,120,000
Wastewater Development Occupational Fee		-	2,120,000	1,000,000	-	-	3,120,000
Wastewater CIC Non-profit Corp Bonds		-	-	5,500,000	6,500,000	-	12,000,000
Funding Total		-	\$2,120,000	\$6,500,000	\$6,500,000	-	\$15,120,000
WS90500086	CLAY PIPE REHAB	Function: Phoenix Sewers				District: Citywide	
Replace or install new lining for 15"-42" VCP sewers.							
Construction		3,340,000	4,850,000	6,750,000	8,750,000	-	23,690,000
Project Total		\$3,340,000	\$4,850,000	\$6,750,000	\$8,750,000	-	\$23,690,000
Wastewater Revenues		-	-	-	8,750,000	-	8,750,000
Wastewater CIC Non-profit Corp Bonds		-	4,850,000	6,750,000	-	-	11,600,000
2004 CIC Wastewater Bonds		3,340,000	-	-	-	-	3,340,000
Funding Total		\$3,340,000	\$4,850,000	\$6,750,000	\$8,750,000	-	\$23,690,000
WS90500090	DESERT VIEW INFRASTRUCTURE-DESERT VIEW AREA	Function: Phoenix Sewers				District: 2	
Desert View Infrastructure-Desert View Area.							
Construction		-	260,000	260,000	260,000	169,915	949,915
Project Total		-	\$260,000	\$260,000	\$260,000	\$169,915	\$949,915
Impact Fee - Desert View, Wastewater		-	260,000	260,000	260,000	169,915	949,915
Funding Total		-	\$260,000	\$260,000	\$260,000	\$169,915	\$949,915
WS90500102	GPS LOCATIONS FOR INFRASTRUCTURE AND FACILITIES	Function: Phoenix Sewers				District: Citywide	
GPS Locations for infrastructure and related facilities for Technical Support Division.							
Design		650,000	750,000	750,000	750,000	750,000	3,650,000
Construction		10,000	30,000	-	-	-	40,000
Project Total		\$660,000	\$780,000	\$750,000	\$750,000	\$750,000	\$3,690,000
Wastewater Revenues		660,000	780,000	750,000	750,000	750,000	3,690,000
Funding Total		\$660,000	\$780,000	\$750,000	\$750,000	\$750,000	\$3,690,000
WS90500107	SEWER RELOCATIONS FOR LIGHT RAIL	Function: Phoenix Sewers				District: 4 & 8	
Sewer relocations for light rail transit.							
Design		500,000	750,000	750,000	-	-	2,000,000
Construction		8,383,300	8,133,300	8,133,400	-	-	24,650,000
Project Total		\$8,883,300	\$8,883,300	\$8,883,400	-	-	\$26,650,000
Wastewater CIC Non-profit Corp Bonds		-	8,883,300	8,883,400	-	-	17,766,700
2004 CIC Wastewater Bonds		8,883,300	-	-	-	-	8,883,300
Funding Total		\$8,883,300	\$8,883,300	\$8,883,400	-	-	\$26,650,000

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**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90500108	MASTER PLAN SEWERS	Function: Phoenix Sewers				District: 7	
Master Plan for sewers.							
Construction		-	620,000	1,500,000	1,000,000	1,000,000	4,120,000
Project Total		-	\$620,000	\$1,500,000	\$1,000,000	\$1,000,000	\$4,120,000
Wastewater Revenues		-	-	-	-	1,000,000	1,000,000
Wastewater Development Occupational Fee		-	-	1,500,000	-	-	1,500,000
Wastewater CIC Non-profit Corp Bonds		-	620,000	-	1,000,000	-	1,620,000
Funding Total		-	\$620,000	\$1,500,000	\$1,000,000	\$1,000,000	\$4,120,000
WS90500115	LINED CONCRETE REHAB	Function: Phoenix Sewers				District: Citywide	
Rehabilitation of Phoenix lined concrete sewers.							
Construction		2,280,000	1,690,000	3,070,000	1,570,000	1,570,000	10,180,000
Project Total		\$2,280,000	\$1,690,000	\$3,070,000	\$1,570,000	\$1,570,000	\$10,180,000
Wastewater CIC Non-profit Corp Bonds		-	1,690,000	3,070,000	1,570,000	1,570,000	7,900,000
2004 CIC Wastewater Bonds		2,280,000	-	-	-	-	2,280,000
Funding Total		\$2,280,000	\$1,690,000	\$3,070,000	\$1,570,000	\$1,570,000	\$10,180,000
WS90500118	SMALL DIAMETER SEWER REHABILITATION	Function: Phoenix Sewers				District: Citywide	
Small Diameter Sewer Rehab Program.							
Construction		6,010,000	3,020,000	12,200,000	6,200,000	2,000,000	29,430,000
Project Total		\$6,010,000	\$3,020,000	\$12,200,000	\$6,200,000	\$2,000,000	\$29,430,000
Wastewater CIC Non-profit Corp Bonds		-	3,020,000	12,200,000	6,200,000	2,000,000	23,420,000
2004 CIC Wastewater Bonds		6,010,000	-	-	-	-	6,010,000
Funding Total		\$6,010,000	\$3,020,000	\$12,200,000	\$6,200,000	\$2,000,000	\$29,430,000
WS90500123	BROADWAY ROAD TRUNK SEWER	Function: Phoenix Sewers				District: 7	
Two miles of 36" main on Broadway Road from 75th Avenue to 91st Avenue.							
Construction		2,300,000	-	-	-	-	2,300,000
Project Total		\$2,300,000	-	-	-	-	\$2,300,000
2004 CIC Wastewater Bonds		2,300,000	-	-	-	-	2,300,000
Funding Total		\$2,300,000	-	-	-	-	\$2,300,000
WS90500125	SEWER CLEANING	Function: Phoenix Sewers				District: Citywide	
Sewer cleaning more than 24" reinforced concrete pipe.							
Construction		420,000	430,000	400,000	400,000	400,000	2,050,000
Project Total		\$420,000	\$430,000	\$400,000	\$400,000	\$400,000	\$2,050,000
Wastewater Revenues		-	430,000	-	-	400,000	830,000
Wastewater CIC Non-profit Corp Bonds		-	-	400,000	400,000	-	800,000
2004 CIC Wastewater Bonds		420,000	-	-	-	-	420,000
Funding Total		\$420,000	\$430,000	\$400,000	\$400,000	\$400,000	\$2,050,000
WS90500128	UNLINED SEWER REHAB	Function: Phoenix Sewers				District: Citywide	
Unlined sewer rehab.							
Construction		4,540,000	4,120,000	-	-	-	8,660,000
Project Total		\$4,540,000	\$4,120,000	-	-	-	\$8,660,000
Wastewater Revenues		-	4,120,000	-	-	-	4,120,000
2004 CIC Wastewater Bonds		4,540,000	-	-	-	-	4,540,000
Funding Total		\$4,540,000	\$4,120,000	-	-	-	\$8,660,000

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Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90500135	7TH AVE & SOUTHERN SANITARY SEWER RELIEF LINE	Function: Phoenix Sewers				District: 7	
Construct 4,000 feet of 15" sewer on 7th Ave from Southern Ave to Fremont Road.							
Construction		500,000	-	-	-	-	500,000
Project Total		\$500,000	-	-	-	-	\$500,000
Wastewater Development Occupational Fee		500,000	-	-	-	-	500,000
Funding Total		\$500,000	-	-	-	-	\$500,000
WS90500141	INSTRUMENTATION/CONTROL INSPECTIONS-COLLECTION SYSTEM	Function: Phoenix Sewers				District: Citywide	
Instrumentation and controls inspection for sewer collection system projects as needed.							
Design		-	-	500,000	-	500,000	1,000,000
Construction		20,000	-	-	-	-	20,000
Project Total		\$20,000	-	\$500,000	-	\$500,000	\$1,020,000
Wastewater Revenues		20,000	-	500,000	-	500,000	1,020,000
Funding Total		\$20,000	-	\$500,000	-	\$500,000	\$1,020,000
WS90500142	TATUM BLVD/PINNACLE PEAK RD TO JOMAX RD	Function: Phoenix Sewers				District: 2	
Construct 2.5 miles of 12"/15" sewer from 40th Street and Pinnacle Peak Road to Tatum Boulevard and Jomax Road.							
Design		335,000	-	-	-	-	335,000
Construction		1,815,000	-	-	-	-	1,815,000
Project Total		\$2,150,000	-	-	-	-	\$2,150,000
Wastewater Development Occupational Fee		1,800,000	-	-	-	-	1,800,000
Impact Fee - Desert View, Wastewater		350,000	-	-	-	-	350,000
Funding Total		\$2,150,000	-	-	-	-	\$2,150,000
WS90500143	UPGRADE METERING STATIONS	Function: Phoenix Sewers				District: 7 & 8	
Upgrade Phoenix metering stations upstream of SROG interceptors at varios locations.							
Design		150,000	-	-	-	-	150,000
Construction		2,450,000	-	-	-	-	2,450,000
Project Total		\$2,600,000	-	-	-	-	\$2,600,000
Wastewater Development Occupational Fee		2,600,000	-	-	-	-	2,600,000
Funding Total		\$2,600,000	-	-	-	-	\$2,600,000
WS90500144	BROADWAY ROAD PARALLEL SEWER	Function: Phoenix Sewers				District: 7 & 8	
Construction of parallel sections for the Broadway Road sewer from 32nd Street to 51st Avenue.							
Design		-	-	-	1,500,000	-	1,500,000
Construction		-	-	-	-	6,200,000	6,200,000
Project Total		-	-	-	\$1,500,000	\$6,200,000	\$7,700,000
Wastewater Revenues		-	-	-	-	4,554,060	4,554,060
Wastewater Development Occupational Fee		-	-	-	-	1,645,940	1,645,940
Wastewater CIC Non-profit Corp Bonds		-	-	-	1,500,000	-	1,500,000
Funding Total		-	-	-	\$1,500,000	\$6,200,000	\$7,700,000

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<b>Project No.</b>	<b>Project Title</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>Total</b>
<b>WS90500145</b>	<b>PHOENIX CROWN SPRAY PROGRAM</b>	<b>Function: Phoenix Sewers</b>				<b>District: Citywide</b>	
	Crown Spray Program.						
Design		75,000	-	-	-	-	75,000
Construction		335,000	430,000	500,000	-	-	1,265,000
<b>Project Total</b>		<b>\$410,000</b>	<b>\$430,000</b>	<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>\$1,340,000</b>
Wastewater Revenues		410,000	-	500,000	-	-	910,000
Wastewater CIC Non-profit Corp Bonds		-	430,000	-	-	-	430,000
<b>Funding Total</b>		<b>\$410,000</b>	<b>\$430,000</b>	<b>\$500,000</b>	<b>-</b>	<b>-</b>	<b>\$1,340,000</b>
<b>WS90500146</b>	<b>SEWER ANNUAL EMERGENCY REPAIR CONTRACT</b>	<b>Function: Phoenix Sewers</b>				<b>District: Citywide</b>	
	Annual emergency repair contract						
Construction		770,000	780,000	750,000	750,000	750,000	3,800,000
<b>Project Total</b>		<b>\$770,000</b>	<b>\$780,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$3,800,000</b>
Wastewater Revenues		770,000	780,000	750,000	-	750,000	3,050,000
Wastewater CIC Non-profit Corp Bonds		-	-	-	750,000	-	750,000
<b>Funding Total</b>		<b>\$770,000</b>	<b>\$780,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$3,800,000</b>
<b>WS90500147</b>	<b>UNLINED CONCRETE REHAB</b>	<b>Function: Phoenix Sewers</b>				<b>District: Citywide</b>	
	Rehabilitation of unlined concrete sewers.						
Design		-	-	300,000	940,000	-	1,240,000
Construction		-	-	3,500,000	8,460,000	-	11,960,000
<b>Project Total</b>		<b>-</b>	<b>-</b>	<b>\$3,800,000</b>	<b>\$9,400,000</b>	<b>-</b>	<b>\$13,200,000</b>
Wastewater CIC Non-profit Corp Bonds		-	-	3,800,000	9,400,000	-	13,200,000
<b>Funding Total</b>		<b>-</b>	<b>-</b>	<b>\$3,800,000</b>	<b>\$9,400,000</b>	<b>-</b>	<b>\$13,200,000</b>
<b>WS90500148</b>	<b>SEWER CLEANING - 24" LINED RCP</b>	<b>Function: Phoenix Sewers</b>				<b>District: Citywide</b>	
	Sewer Cleaning of 24" lined reinforced concrete pipe (RCP).						
Construction		-	300,000	300,000	300,000	380,000	1,280,000
<b>Project Total</b>		<b>-</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$380,000</b>	<b>\$1,280,000</b>
Wastewater CIC Non-profit Corp Bonds		-	300,000	300,000	300,000	380,000	1,280,000
<b>Funding Total</b>		<b>-</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$380,000</b>	<b>\$1,280,000</b>
<b>WS90500149</b>	<b>41ST: ROOSEVELT TO VAN BUREN</b>	<b>Function: Phoenix Sewers</b>				<b>District: 4</b>	
	Construct 2,640 feet of 8" sewer on 41st Avenue from Roosevelt to Van Buren.						
Design		50,000	-	-	-	-	50,000
Construction		-	250,000	-	-	-	250,000
<b>Project Total</b>		<b>\$50,000</b>	<b>\$250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>
Wastewater Revenues		50,000	250,000	-	-	-	300,000
<b>Funding Total</b>		<b>\$50,000</b>	<b>\$250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$300,000</b>
<b>WS90700002</b>	<b>WW CIP STUDIES</b>	<b>Function: Wastewater System Studies</b>				<b>District: Citywide</b>	
	Planning for miscellaneous studies.						
Design		500,000	500,000	500,000	1,000,000	1,000,000	3,500,000
<b>Project Total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,500,000</b>
Wastewater Revenues		500,000	500,000	500,000	1,000,000	1,000,000	3,500,000
<b>Funding Total</b>		<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$3,500,000</b>

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90700005	ENGINEERING	Function: Wastewater System Studies				District: Citywide	
Estimated staff costs for CIP projects.							
Construction		-	4,500,000	3,500,000	4,500,000	4,500,000	17,000,000
Project Total		-	\$4,500,000	\$3,500,000	\$4,500,000	\$4,500,000	\$17,000,000
Wastewater CIC Non-profit Corp Bonds		-	4,500,000	3,500,000	4,500,000	4,500,000	17,000,000
Funding Total		-	\$4,500,000	\$3,500,000	\$4,500,000	\$4,500,000	\$17,000,000
WS90700027	PUBLIC INVOLVEMENT PLAN	Function: Wastewater System Studies				District: Citywide	
Public involvement and community relations plan for wastewater capital improvement projects.							
Design		40,000	40,000	40,000	-	-	120,000
Project Total		\$40,000	\$40,000	\$40,000	-	-	\$120,000
Wastewater Revenues		40,000	40,000	40,000	-	-	120,000
Funding Total		\$40,000	\$40,000	\$40,000	-	-	\$120,000
WS90700030	CMOM RISK ASSESS & BASELINE ASSET MGMT ASSESS	Function: Wastewater System Studies				District: Citywide	
Capacity, management, operations and maintenance (CMOM) risk assessment and baseline asset management assessment.							
Design		1,000,000	500,000	-	-	-	1,500,000
Construction		10,000	10,000	-	-	-	20,000
Project Total		\$1,010,000	\$510,000	-	-	-	\$1,520,000
Wastewater Revenues		1,010,000	510,000	-	-	-	1,520,000
Funding Total		\$1,010,000	\$510,000	-	-	-	\$1,520,000
WS90700031	ON-CALL CONTROL SYSTEM PROGRAMMING	Function: Wastewater System Studies				District: Citywide	
On-call consultant services for control system programming as necessary.							
Study		200,000	200,000	200,000	200,000	200,000	1,000,000
Project Total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Wastewater Revenues		200,000	200,000	200,000	200,000	200,000	1,000,000
Funding Total		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
WS90700032	PROCESS CONTROL OPTIMIZATION	Function: Wastewater System Studies				District: Citywide	
Process Control optimization for the collection system.							
Study		-	500,000	-	500,000	-	1,000,000
Construction		-	30,000	-	-	-	30,000
Project Total		-	\$530,000	-	\$500,000	-	\$1,030,000
Wastewater Revenues		-	530,000	-	500,000	-	1,030,000
Funding Total		-	\$530,000	-	\$500,000	-	\$1,030,000
WS90700037	OPERATIONS-CRAO-SSO REPORT TRACKING	Function: Wastewater System Studies				District: Citywide	
Operations-CRAO-Sanitary Sewer Overflow Report Tracking (CMOM requirement).							
Study		280,000	50,000	-	-	-	330,000
Project Total		\$280,000	\$50,000	-	-	-	\$330,000
Wastewater Revenues		280,000	50,000	-	-	-	330,000
Funding Total		\$280,000	\$50,000	-	-	-	\$330,000

**City of Phoenix, Arizona**  
**2004-2009 Capital Improvement Program**  
**Wastewater**

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
WS90700038	CIP PROJECT CONTROLS SYSTEM IMPLEMENTATION	Function: Wastewater System Studies				District: Citywide	
Phase I-Functional Specification Development. Phase II - Additional costs and implementation of CIP Controls System.							
Design		499,000	-	-	-	-	499,000
Construction		-	1,500,000	2,000,000	-	-	3,500,000
Project Total		\$499,000	\$1,500,000	\$2,000,000	-	-	\$3,999,000
Wastewater Revenues		499,000	1,500,000	-	-	-	1,999,000
Wastewater CIC Non-profit Corp Bonds		-	-	2,000,000	-	-	2,000,000
Funding Total		\$499,000	\$1,500,000	\$2,000,000	-	-	\$3,999,000
WS90700040	MASTER PLANS	Function: Wastewater System Studies				District: Citywide	
Update Master Plans							
Study		-	500,000	-	-	-	500,000
Project Total		-	\$500,000	-	-	-	\$500,000
Wastewater Revenues		-	500,000	-	-	-	500,000
Funding Total		-	\$500,000	-	-	-	\$500,000
WS90700042	WASTEWATER DEVELOPMENT PLANNING	Function: Wastewater System Studies				District: Citywide	
Wastewater engineering labor charges for developer-driven projects.							
Staff Time		65,000	65,000	65,000	65,000	65,000	325,000
Project Total		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
Wastewater Development Occupational Fee		65,000	65,000	65,000	65,000	65,000	325,000
Funding Total		\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
WS90750003	BACKFLOW PREVENTION ASSEMBLIES PERCENT FOR ARTS	Function: Percent for Art				District: Citywide	
Backflow Prevention Assemblies.							
Construction		75,000	140,000	140,000	140,000	140,000	635,000
Project Total		\$75,000	\$140,000	\$140,000	\$140,000	\$140,000	\$635,000
Wastewater CIC Non-profit Corp Bonds		-	140,000	140,000	140,000	140,000	560,000
2004 CIC Wastewater Bonds		75,000	-	-	-	-	75,000
Funding Total		\$75,000	\$140,000	\$140,000	\$140,000	\$140,000	\$635,000
WS90750005	WATER IN THE DESERT DEMONSTRATION GARDEN - PERCENT FOR ARTS	Function: Percent for Art				District: Citywide	
Water in the Desert Demonstration Garden - Percent for Arts project.							
Construction		80,000	184,000	184,000	184,000	184,000	816,000
Project Total		\$80,000	\$184,000	\$184,000	\$184,000	\$184,000	\$816,000
Wastewater CIC Non-profit Corp Bonds		-	184,000	184,000	184,000	184,000	736,000
2004 CIC Wastewater Bonds		80,000	-	-	-	-	80,000
Funding Total		\$80,000	\$184,000	\$184,000	\$184,000	\$184,000	\$816,000